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File 348:EUROPEAN PATENTS 1978-2004/Aug W03
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040819,UT=20040812
         (c) 2004 WIPO/Univentio

Set     Items   Description
S1       9855   USB OR UNIVERSAL()SERVICE? ?()(BUS OR PORT? ? OR BUSES OR -
             BUSED OR BUSING OR BUSSE? ? OR BUSSING OR SUBBUS? OR MULTIBUS?
             OR DATABUS? OR FASTBUS?)
S2         30   USBS
S3      76145   KEYBOARD? OR KEYSET? ? OR KEYPAD? ? OR KBD? ? OR FINGERBOA-
             RD? OR (FINGER OR KEY)()BOARD? ? OR KEY()(SET? ? OR PAD? ? OR
             BD? ?)
S4     577416   INPUT? OR PUT OR PUTS OR PUTTING OR PUTING OR PLOTING OR P-
             LOTTING OR SCANING OR SCANNING OR POINTING
S5      70669   S4(1W)(DEVICE? OR EQUIPMENT? OR UNIT OR UNITS OR APPLIANCE?
             OR MECHANISM? OR APPARATUS? OR APP?? ? OR COMPONENT?)
S6     191301   MOUSE? ? OR MICE? ? OR SCANER? ? OR SCANNER? ? OR JOYSTICK?
             OR JOY()STICK? ? OR PEN OR PENS OR LIGHTPEN? ? OR STYLUS?
S7      54141   PLOTTER? OR PADDLE OR PADDLES OR TRACKBALL? OR TRACKBALL? ?
             OR POINTER? ?
S8       4581   OCR OR OCRS OR OPTIC?? ?(1W)CHARACTER? ?(1W)(RECOGNIS? OR -
             RECOGNIZ? OR READER? ?)
S9    1457583   ACCESS OR ACCESSE? ? OR ACCESSING OR REACCESS? OR USE OR U-
             SED
S10   1400480   USES OR USING OR USAGE? OR OPERATING OR OPERATION?
S11   1117657   ACTIV? OR ACTUAT? OR ENABL? OR INABL? OR ENGAG?
S12    376606   S9:S11(3N)(PREVENT? OR REMOV??? ? OR BLOCK??? ? OR INHIBIT?
             OR PROHIBIT? OR STOP???? ? OR DENY? OR DENIE? ? OR HINDER?)
S13    197873   S9:S11(3N)(ELIMINAT? OR RESTRICT? OR LIMIT??? ?)
S14      3025   S12:S13(3N)(S3 OR S5:S8 OR TRACK()BALL? ?)
S15      2515   (S3 OR S5:S8 OR TRACK()BALL? ?)(3N)(DISABL? OR DISENABL? OR
             DISINABL? OR LOCK OR LOCKS OR LOCKED OR LOCKING OR INACTIVAT?
             OR INACTUAT?)
S16       434   (S3 OR S5:S8 OR TRACK()BALL? ?)(3N)(DEACTIVAT? OR DEACTUAT?
             OR UNACTIVAT? OR UNACTUAT? OR DISENGAG? OR UNENGAG?)
S17        31   (S3 OR S5:S8 OR TRACK()BALL? ?)(3N)(DIS OR UN OR DE)()(ABL-
             ??? ? OR ENABL? OR INABL? OR ENGAG? OR ACTUAT? OR ACTIVAT? OR
             ASSOCIAT?)
S18         4   (S3 OR S5:S8 OR TRACK()BALL? ?)(3N)(DIS OR UN OR DE)()(CON-
             NECT???? ? OR ATTACH?)
S19       811   (S3 OR S5:S8 OR TRACK()BALL? ?)(3N)(DISCONNECT? OR DETACH?
             OR DISASSOCIAT? OR UNCONNECT? OR UNATTACH? OR DECONNECT?)
S20       412   (S3 OR S5:S8 OR TRACK()BALL? ?)(3N)(TURNOFF OR SHUTOFF OR -
             CRIPPL? OR SWITCHOFF OR (SWITCH??? ? OR SHUT???? ? OR TURN???
             ?)()OFF)
S21        11   S1:S2(25N)S14:S20
S22    326036   SECURE? ? OR SECURING OR SECURITY?
S23        52   S1:S2(3N)S22
S24         6   S23(25N)(S3 OR S5:S8 OR TRACK()BALL? ?)
S25      1894   S22(3N)(S3 OR S5:S8 OR TRACK()BALL? ?)
S26        10   S25(25N)S1:S2
S27        20   S21 OR S24 OR S26
S28        20   IDPAT (sorted in duplicate/non-duplicate order)
S29        20   IDPAT (primary/non-duplicate records only)
S30       122   S1:S2(10N)S22
S31        17   S30(25N)(S3 OR S5:S8 OR TRACK()BALL? ?)
S32        10   S31 NOT S29
S33        10   IDPAT (sorted in duplicate/non-duplicate order)
S34        10   IDPAT (primary/non-duplicate records only)
?
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29/5,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01448908
USB SECURING **DEVICE WITH** KEYPAD
USB SICHERUNGSVORRICHTUNG MIT TASTATUR
CLAVIER DE MOYEU DE BUS SERIE UNIVERSEL (HUB USB)
PATENT ASSIGNEE:
Rainbow Technologies, B.V., (3901111), Oliphanteweg 10, 1397 LE Rotterdam, (NL), (Applicant designated States: all)
INVENTOR:
ELTETO, Laszlo, 185 Santa Louisa, Irvine, CA 92606, (US)
ABBOTT, Shawn, D., 305 Pinnacle Ridge Place, RR12, Calgary, Alberta T3E 6W3, (CA)
KHALAF, James, 1781 Derby Drive, Santa Ana, CA 92705, (US)
TIBBETTS, Reed, H., 12621 Elizabeth Way, Tustin, CA 92680, (US)
SOTOODEH, Mehdi, 17 Paloma Drive, Mission Viejo, CA 92692, (US)
LONG, Calvin, W., 1260 Oakhaven Lane, Arcadia, CA 91006, (US)
PATENT (CC, No, Kind, Date): WO 2002056154 020718
APPLICATION (CC, No, Date): EP 2002710000 020111; WO 2002EP201 020111
PRIORITY (CC, No, Date): US 764769 010116
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-001/00
LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 020911 A2 International application. (Art. 158(1))
Application: 020911 A2 International application entering European phase
Application: 040324 A2 International application. (Art. 158(1))
Appl Changed: 040324 A2 International application not entering European phase
Withdrawal: 040324 A2 Date application deemed withdrawn: 20030819
LANGUAGE (Publication,Procedural,Application): English; English; English

USB SECURING **DEVICE WITH** KEYPAD

29/5,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01305109
Computer power supply startup apparatus
Startvorrichtung fur eine Computerstromversorgung
Dispositif de demarrage d'une alimentation pour ordinateur
PATENT ASSIGNEE:
ALPS ELECTRIC CO., LTD., (668030), 1-7 Yukigaya Otsuka-cho, Ota-ku Tokyo 145, (JP), (Applicant designated States: all)
INVENTOR:
Shiga, Sadakazu, c/o Alps Electric Co., Ltd., 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo 145, (JP)
LEGAL REPRESENTATIVE:
Kensett, John Hinton (59522), Saunders & Dolleymore, 9 Rickmansworth Road , Watford, Hertfordshire WD18 0JU, (GB)
PATENT (CC, No, Kind, Date): EP 1117027 A1 010718 (Basic)
APPLICATION (CC, No, Date): EP 2001300111 010108;
PRIORITY (CC, No, Date): JP 20007632 000117

DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-001/26

ABSTRACT EP 1117027 A1
In order to turn on the main power unit, when it is off, of a computer in a **turned - off** state from a **keyboard** , power is supplied from an auxiliary power unit to a **USB** controller on the keyboard unit side and a power supply startup unit on the computer side, and on the other hand when power supply to a line switching unit is cut off, switching sections are switched over to connect signal lines of the USB controller and input terminals of a differential amplifying unit, respectively. When a specific signal is supplied from the keyboard unit, a power supply startup signal (power ON signal) is supplied from the power supply startup unit to the main power unit to enable the main power unit to be started up.
ABSTRACT WORD COUNT: 130
NOTE:
Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 010718 A1 Published application with search report
Examination: 011017 A1 Date of request for examination: 20010816
Examination: 011212 A1 Date of dispatch of the first examination report: 20011024
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200129	277
SPEC A	(English)	200129	2327
Total word count - document A			2604
Total word count - document B			0
Total word count - documents A + B			2604

...ABSTRACT turn on the main power unit, when it is off, of a computer in a **turned - off** state from a **keyboard** , power is supplied from an auxiliary power unit to a **USB** controller on the keyboard unit side and a power supply startup unit on the computer...

29/5,K/12 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00922119 **Image available**
USB SECURING **DEVICE WITH** KEYPAD
CLAVIER DE MOYEU DE BUS SERIE UNIVERSEL (HUB USB)
Patent Applicant/Assignee:
RAINBOW TECHNOLOGIES B V, Oliphanteweg 10, NL-1397 LE Rotterdam, NL, NL (Residence), NL (Nationality)
Inventor(s):
ELTETO Laszlo, 185 Santa Louisa, Irvine, CA 92606, US,
ABBOTT Shawn D, 305 Pinnacle Ridge Place, RR12, Calgary, Alberta T3E 6W3, CA,
KHALAF James, 1781 Derby Drive, Santa Ana, CA 92705, US,
TIBBETTS Reed H, 12621 Elizabeth Way, Tustin, CA 92680, US,
SOTOODEH Mehdi, 17 Paloma Drive, Mission Viejo, CA 92692, US,
LONG Calvin W, 1260 Oakhaven Lane, Arcadia, CA 91006, US,
Legal Representative:
PRICE Nigel John King (et al) (agent), J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ, GB,

Patent and Priority Information (Country, Number, Date):
  Patent: WO 200256154 A2-A3 20020718 (WO 0256154)
  Application: WO 2002EP201 20020111 (PCT/WO EP0200201)
  Priority Application: US 2001764769 20010116
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-001/00
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 10772

English Abstract
  A method and apparatus for securing a token from unauthorized use is disclosed. The present invention describes an apparatus for securing a token from unauthorized use, comprising a PIN entry device, communicably coupleable to a host processing device transmitting a first message addressed to the PIN entry device, and communicatively coupleable to the token according to a universal serial bus USB protocol, the PIN entry device comprising a user input device, for accepting a user-input PIN; and a processor, communicatively coupled to the user input device, the processor for receiving the first message and combining the first message with the user-input PIN, and for producing a second message having at least a portion of the first message and the user-input PIN.

French Abstract
  L'invention concerne un procede et un appareil pour proteger un jeton d'authentification de toute utilisation non autorisee. Ce procede comprend les etapes consistant a recevoir un premier message transmis a partir d'un dispositif de traitement hote et adresse a un dispositif d'entree PIN, selon un protocole de bus serie universel (USB) ; accepter un PIN entre dans le dispositif d'entree PIN et transmettre un deuxieme message comprenant au moins une partie du premier message et le PIN a partir du dispositif d'entree PIN au jeton d'authentification le long d'une trajectoire de communication securisee. Selon un autre mode de realisation, la presente invention decrit un appareil pour securiser un jeton contre toute utilisation non autorisee. Cet appareil comprend un dispositif d'entree PIN, pouvant etre couple en vue d'une communication, au dispositif de traitement hote transmettant un premier message adresse au dispositif d'entree PIN, et pouvant etre couple en vue d'une communication au jeton d'authentification selon un protocole de bus serie universal (USB). Le dispositif d'entree PIN comprend un dispositif d'entree utilisateur pour accepter un PIN d'entree utilisateur, et un processeur couple en vue de la communication au dispositif d'entree utilisateur, le processeur etant prevu pour recevoir le premier message et combiner ce premier message au PIN d'entree utilisateur et pour produire un deuxieme message comportant au moins une partie du premier message et du PIN d'entree utilisateur.

Legal Status (Type, Date, Text)

Publication 20020718 A2 Without international search report and to be republished upon receipt of that report.
Examination 20020906 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20031120 Late publication of international search report
Republication 20031120 A3 With international search report.
Republication 20031120 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
USB SECURING **DEVICE WITH** KEYPAD

29/5,K/15 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00829998 **Image available**
INTEGRATED POINTING DEVICE-SMARTCARD TRANSACTION SECURITY SYSTEM
SYSTEME DE SECURITE DE TRANSACTION A DISPOSITIF DE POINTAGE/CARTE A PUCE INTEGRES
Patent Applicant/Assignee:
SMART LITE DIGITAL SOLUTIONS LTD, 10 Hagedud Haivri St., 78595 Ashkelon, IL, IL (Residence), IL (Nationality), (For all designated states except: US)
SMART LITE DIGITAL SOLUTIONS INC, 25006 Keerny Ave., Valencia, CA 91355, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
KAPLUNOVSKY Yuli Eliyahu, 1575 Tenaka Pe, Suite P8, Sunnyvale, CA 94087, US, US (Residence), IL (Nationality), (Designated only for: US)
Legal Representative:
LANGER Edward (agent), P.O. Box 410, 43103 Raanana, IL,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200163589 A1 20010830 (WO 0163589)
Application: WO 2001IL168 20010222 (PCT/WO IL0100168)
Priority Application: US 2000184329 20000223
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G09G-005/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 6506

English Abstract
A transaction security system incorporating a simple-to-use light pen (12) integrated with a smartcard (24) to enable a high level of transaction security when sending credit card information over the Internet or any other communication network. The light pen, operating as a pointing device, is connected directly to a smart box (14) operating as

a smartcard reader among other functions. When a smartcard is inserted in the smartbox, its microprocessor (41) performs all processing external to the computer, and this increase security further since the computer is not involved in thes processing, and not subject to access by hackers. The inventive system is operable using software application programs to enable the light pen to draw or write features on a CRT screen (20) such as a visual signature, that becomes embedded into MS Office, e-mail, and any other OLE-compliant software. The inventive system also provides secure digital signature programs for definition, transmission, deciphering and authentication of local user profiles including private details, visual signature and private and public key as a secure digital signature process with smartcard features.

French Abstract

L'invention concerne un systeme de securite de transactions integrant un photostyle (12) facile a utiliser, integre a une carte a puce (24) pour permettre un niveau plus eleve de securite de transaction lors de l'envoi d'informations de carte de credit via Internet ou tout autre reseau de communication. Le photostyle, servant de dispositif de pointage, est relie directement a un boitier intelligent (14) servant, entre autres fonctions, de lecteur de cartes a puce. Lorsqu'on insere une carte a puce dans ledit boitier, son microprocesseur (41) realise tous les traitements a l'exterieur de l'ordinateur, ce qui accroit encore plus la securite puisque l'ordinateur n'est pas implique dans le traitement, et n'est pas soumis a des intrusions de la part de pirates. Le systeme de l'invention fonctionne a l'aide de programmes d'application logiciels permettant au photostyle de dessiner ou d'ecrire des elements sur un ecran a tube cathodique (20), tels qu'une signature visuelle qui est par la suite incorporee dans MS Office, le courrier electronique ou tout autre logiciel compatible OLE. Le systeme de l'invention fournit egalement des programmes de signature electronique securisee, destines a la definition, la transmission, le decryptage et l'authentification de profils d'utilisateur locaux comprenant des renseignements prives, une signature visuelle et des cles publiques et privees comme processus de signature numerique securisee, avec les caracteristiques d'une carte a puce.

Legal Status (Type, Date, Text)

Publication	20010830	A1 With international search report.
Publication	20010830	A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20020103	Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... road.

Referring now to Fig. 2, there is shown an alternative embodiment of integrated light **pen** -smart card **security** system 10, in which the smartbox 14 communicates with PC 16 via connection 35 through a **USB** port 45, and this connection also provides power. This configuration eliminates splitter 22 of Fig...

? t29/5,k/17

29/5,K/17 (Item 17 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

00579118 **Image available**

USB-COMPLIANT PERSONAL KEY WITH INTEGRAL INPUT AND OUTPUT DEVICES

CLE PERSONNELLE COMPATIBLE AVEC LE BUS SERIE UNIVERSEL, A DISPOSITIFS INTEGRES D'ENTREE ET DE SORTIE

Patent Applicant/Assignee:
RAINBOW TECHNOLOGIES INC,

Inventor(s):
ABBOTT Shawn D,
AFGHANI Bahram,
SOTOODEH Mehdi,
DENTON Norman L III,
LONG Calvin W,
PUNT Maarten G,
ANDERSON Allan D,
GODDING Patrick N,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200042491 A1 20000720 (WO 0042491)
Application: WO 2000US711 20000112 (PCT/WO US0000711)
Priority Application: US 99116006 19990115; US 99281017 19990330; US 99449159 19991124

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-001/00
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 14686

English Abstract

A compact, self-contained, personal key is disclosed. The personal key comprises a USB-compliant interface (206) releasably coupl eable to a host processing device (102); a memory (214); and a processor (212). The processor (212) provides the host processing device (102) conditional access to data storable in the memory (214) as well as the functionality required to manage files stored in the personal key and for performing computations based on the data in the files. In one embodiment, the personal key also comprises an integral user input device (218) and an integral user output device (222). The input and output devices (218, 222) communicate with the processor (212) by communication paths (220, 222) which are independent from the USB-compliant interface (206), and thus allow the user to communicate with the processor (212) without manifesting any private information external to the personal key.

French Abstract

L'invention concerne une cle personnelle compacte autonome qui comprend: une interface compatible avec le bus serie universel (206), pouvant etre couplee liberable avec un dispositif de traitement hote (102); une memoire (214); et un processeur (212). Le processeur (212) fournit au dispositif de traitement hote (102) un acces conditionnel aux donnees enregistrables dans la memoire (214), et les fonctions requises pour gerer les fichiers enregistres dans la cle personnelle et pour effectuer les calculs reposant sur les donnees de ces fichiers. Selon une variante, la cle personnelle comprend aussi un dispositif d'entree d'utilisateur

integre (218) et un dispositif de sortie d'utilisateur integre (222). Ces deux dispositifs (218, 222) communiquent avec le processeur (212) via des trajets de communication (220, 222) independants de l'interface compatible avec le bus serie universel (206), moyennant quoi l'utilisateur peut communiquer avec le processeur (212) sans reveler d'information privee exterieure a la cle personnelle.

Fulltext Availability:
Detailed Description

Detailed Description
... to processor 212 operations without allowing a process or other entity with visibility to the **USB** -compliant interface 204 to eavesdrop or intercede. This **pen** -nits **secure** communications between the key processor 212 and the user. In one embodiment of the invention...
?

? t34/5,k/3

34/5,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01117093
COMPUTERIZED ELECTRONIC VOTING SYSTEM
SYSTEME ELECTRONIQUE DE VOTE INFORMATISE
Patent Applicant/Assignee:
VOTING TECHNOLOGIES INTERNATIONAL LLC, 757 N. Broadway, Milwaukee, WI 53202, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BOLDIN Anthony J, 370 Manor Court, Brookfield, WI 53005, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
BAXTER William K (agent), Godfrey & Kahn, S.C., 780 N. Water Street, Milwaukee, WI 53202, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200438632 A1 20040506 (WO 0438632)
Application: WO 2003US7260 20030308 (PCT/WO US03007260)
Priority Application: WO 2002US33837 20021022
Parent Application/Grant:
Related by Continuation to: WO 2002US33837 20021022 (CIP)
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/60
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 13960

English Abstract
The present invention is a computerized electronic voting system that employs an easy-to-use, paperless, voting station to collect and tally votes. In one embodiment, the voting system includes a voting server coupled to a voter security station and a plurality of voting stations. Alternatively, the voting system may include a voting server that is connected to an existing network and coupled to a voter security station. In another embodiment of the invention, the voting system comprises a voting server connected to a plurality of work stations or voting stations and a voter security station, former a computer network. The system software installed on the voting server preferably includes a voting application and an administrative application for controlling operation of the voting process. Important aspects of the invention include the validation of system software prior to use in an election that has been previously certified by the proper governmental certification authority, the ability to verify or authenticate registered

voters prior to voting, the functionality of multiple voting stations running on a single computer or server, and the aiditability of voting results.

French Abstract

L'invention porte sur un systeme electronique de vote informatise recourant a une machine a voter d'utilisation facile et sans papiers recueillant et comptant les votes. Dans une execution le systeme de vote comporte un serveur relie a un poste de securite et plusieurs machines a voter. En variante le systeme de vote peut comporter un serveur relie a un reseau existant et a un poste de securite. Dans une autre execution, le systeme de vote comporte un serveur relie a plusieurs postes de travail ou machines a voter et un poste de securite, l'ensemble formant un reseau d'ordinateurs. Les logiciels du serveur comportent de preference une application vote et une application administrative surveillant le deroulement du vote. Les caracteristiques importantes de l'invention sont notamment: la validation avant une election des logiciels du systeme prealablement certifies par les autorites gouvernementales agrees; la possibilite de verifier ou authentifier avant le vote les electeurs inscrits; le raccordement de plusieurs machines de vote sur un meme ordinateur ou serveur, et la possibilite de verifier les resultats des votes.

Legal Status (Type, Date, Text)
Publication 20040506 A1 With international search report.

Fulltext Availability:
Detailed Description

Detailed Description
... and is connected to an electrical outlet with a power cord 38. The PIN generation **mouse** 26 is connected to one of the USB hubs 22 through a USB cable 46. A software key 32 is preferably plugged into a **USB** port on one of the **USB** hubs 22 for **security** . The software key 32 prevents the system from operating if the key is not plugged...